

AMENDMENTS

*In the Claims:*

Please amend the claims as indicated.

1           1.       (Currently amended) A method of providing suggested completions for a  
2       numeric data entry, comprising the steps of:

3                   a)     receiving a numeric data entry;

4                   b)     applying a set of rules to the numeric data entry to identify a candidate  
5       match from a list of possible matches, the set of rules implementing a plurality of variables,  
6       the plurality of variables defining a plurality of search states from which a candidate match  
7       is selected; and

8                   c)     receiving a response signal associated with the candidate match.

1           2.       (Original) The method of claim 1, wherein the numeric data entry and the list  
2       of possible matches are telephone numbers.

1           3.       (Currently amended) The method of claim 1, wherein the candidate match is  
2       provided to a user interface, and the response signal is received from the user interface  
3       further comprising the steps of:

4                   d)     if the said response signal is an acceptance of the candidate match,  
5       replacing said numeric data entry with the candidate match;

6                   e)     if said response modifies the numeric data entry, continue at step (b)  
7       with the modified numeric data entry; and

8                   f)     if said response is a rejection of the candidate match, displaying the  
9       numeric data entry.

1           4.       (Currently amended) The method of claim 1, wherein the numeric data entry  
2       has n digits or less, and the applying a set of rules step comprises the step of retrieving ~~the~~  
3       contents of ~~the~~ an address book location identified by the numeric data entry as a candidate  
4       match.

1           5.       (Currently amended) The method of claim 1, wherein the numeric data entry  
2       has n digits or less, and the applying a set of rules step comprises the step of retrieving all  
3       numbers associated with ~~the~~ an address book location identified by the numeric data entry as  
4       a candidate match.

1           6.       (Currently amended) The method of claim 1, wherein ~~the~~ a number of digits  
2       in the numeric data entry  
3               entered by ~~the~~ a user is equal to x digits long, where x is greater than m but less than  
4       p, and the applying a set of rules step comprises the steps of:  
5               searching through a memory storage device which contains one or more  
6       numbers,  
7               identifying stored numbers that match said numeric data entry as a candidate  
8       match.

1           7.       (Currently amended) The method of claim 6, wherein the identifying step  
2       comprises comparing ~~the~~ x most significant digits of ~~the~~ a stored number in memory to the  
3       numeric data entry.

1           8.       (Currently amended) The method of claim 1, wherein the numeric data entry  
2       entered by ~~the~~ a user is x digits long, where x is greater than q, then no candidate matches  
3       are displayed to the user.

1           9.       (Currently amended) The method of claim 1, wherein a magnetic media  
2       device contains a program module to perform said method ~~the task of Claim 1~~.

1           10. (Currently amended) A method of providing suggested completions for a  
2 numeric data entry, comprising the steps of:

3                   a) receiving a numeric data entry;

4                   b) applying a set of rules to the numeric data entry to identify ~~one or more~~ at  
5 least one candidate ~~matches~~ match from a list of possible matches, the set of rules  
6 implementing a plurality of variables, the plurality of variables defining a plurality of search  
7 states from which the at least one candidate match is selected; and

8                   c) receiving a response signal associated with the at least one ~~of the~~  
9 ~~multiple~~ candidate ~~matches~~ match.

A 1           11. (Currently amended) The method of claim 10, wherein the at least one ~~or~~  
2 ~~more~~ candidate ~~matches~~ match is a ~~are~~ suggested completions completion to the numeric  
3 data entry, and prior to the receiving a response step, providing the at least one ~~multiple~~  
4 candidate ~~matches~~ match to a user interface.

1           12. (Currently amended) The method of claim 10, wherein the ~~one or more~~ at  
2 least one candidate ~~matches~~ match is ~~are~~ provided to a user interface, and the response signal  
3 is received from said user interface, further comprising the steps of:

4                   d) if said response signal is an acceptance of one of the ~~one or more~~ at  
5 least one candidate ~~matches~~ match, replacing the numeric data entry with the accepted  
6 candidate match;

7                   e) if the response modifies said numeric data entry continue at step (b)  
8 with the modified numeric data entry; and

9                   f) if the response is a rejection of ~~all of the one or more~~ at least one  
10 candidate ~~matches~~ match, displaying the numeric data entry.

1           13.   (Currently amended) The method of claim 11, wherein duplicate numbers are  
2 removed from the ~~one or more~~ at least one candidate ~~matches~~ match.

1           14.   (Currently amended) The method of claim 10, wherein the numeric data entry  
2 entered by ~~the~~ a user is equal to or less than n digits long, and the applying a set of rules step  
3 comprises the step of retrieving ~~the~~ contents of ~~the~~ an address book location identified by the  
4 numeric data entry as a candidate match.

1           15.   (Currently amended) The method of claim 10, wherein the numeric data entry  
2 entered by ~~the~~ a user is equal to or less than n digits long, and the applying a set of rules step  
3 comprises the step of retrieving all numbers associated with ~~the~~ an address book location  
4 identified by the numeric data entry as a suggested completion.

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1           16.   (Currently amended) The method of claim 10, wherein the numeric data entry  
2 entered by ~~the~~ a user is equal to or less than x digits long, where x is greater than m, and less  
3 than p, and the applying a set of rules step comprises the steps of:

4                   searching through a memory storage device, the memory storage device  
5 containing one or more stored numbers, and

6                   identifying stored numbers that match said numeric data entry as a candidate  
7 ~~matches~~ match, and adding these numbers to the at least one ~~multiple~~ candidate  
8 ~~matches~~ match.

1           17.   (Currently amended) The method of claim 16, wherein the identifying step  
2 comprises comparing ~~the~~ x most significant digits of the stored number to the numeric data  
3 entry.

1           18.   (Currently amended) The method of claim 10, wherein if ~~the~~ a number of  
2 digits in the numeric data entry is equal to x, and x is greater than q, then no candidate  
3 ~~matches are~~ match is displayed to the user.

1           19. (Currently amended) An apparatus for providing auto-completions for a  
2 partially entered numeric data entry by offering candidate matches, said candidate matches  
3 being selected from telephone numbers accessible to the apparatus, the apparatus  
4 comprising:

5                   a) a stored telephone number memory interface for accessing a list of  
6 stored telephone numbers;

7                   b) a memory device for containing a program module;

8                   c) an input interface; and

9                   d) ~~e)~~ a processing unit coupled to the memory device, the stored telephone  
10 number interface and the input interface, the processing unit being operative in response to  
11 ~~the~~ instructions of the program module to:

12                           i) receive a numerical data entry from the input interface; and

13                           ii) ~~applying~~ apply a set of rules to identify a candidate match for said  
14 numerical data entry from the list of stored telephone numbers accessed via the stored  
15 telephone number memory interface, the set of rules implementing a plurality of variables,  
16 the plurality of variables defining a plurality of search states from which the candidate match  
17 is selected.

1           20. (Original) The apparatus of claim 19, wherein the apparatus is a cellular  
2 telephone.

1           21. (Original) The apparatus of claim 19, wherein the apparatus is a computer  
2 with a modem.

1           22. (Original) The apparatus of claim 19, wherein the apparatus is a hand held  
2 computer.

1           23. (Original) The apparatus of claim 19, wherein the apparatus is a telephone.

1           24. (Original) The apparatus of claim 19, further comprising an output interface,  
2 wherein a candidate match is supplied to the output interface.

1           25.    (Original) The apparatus of claim 19, wherein a response associated with the  
2 candidate match can be provided via the input interface.

1           26.    (Original) The apparatus of claim 25, wherein if the response is an  
2 acceptance, then the numeric data entry is replaced with the candidate match.

1           27.    (Original) The apparatus of claim 25, wherein if the response is a rejection,  
2 the numeric data entry is displayed on the user interface.

1           28.    (Currently amended) The apparatus of claim 25, wherein if the response is a  
2 modification, the set of rules it applied to ~~the~~ modified numeric data entry, and the candidate  
3 matches identified by ~~the~~ application of the set of rules are displayed on ~~the~~ a user interface.

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